UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF COMMERCIAL FISHERIES

CALIFORNIA FISHERY MARKET NEWS MONTHLY SUMMARY

FEBRUARY 1967

PART II–Fishing Information*

Sea-surface temperatures, fishing and research information of interest to the West Coast tuna-fishing industry and marine scientists

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*Part 1 - "Fishery Products Production and Market Data" is issued by the Bureau of Commercial Fisheries, Market News Service, Post Office Building, San Pedro, California

SEA SURFACE TEMPERATURE CHARTS, EASTERN PACIFIC OCEAN

FEBRUARY 1967

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Charts

Figure 1.--Mean sea surface temperatures (°F) derived from approximately 9000 observations. Squares show temperatures at weather ship stations. Numerals on shore are temperatures at coastal and lightship stations.

Figure 2.--Deviation of sea surface temperatures (°F) from long term charts of H.O. 225. Hatched areas are colder in 1967.

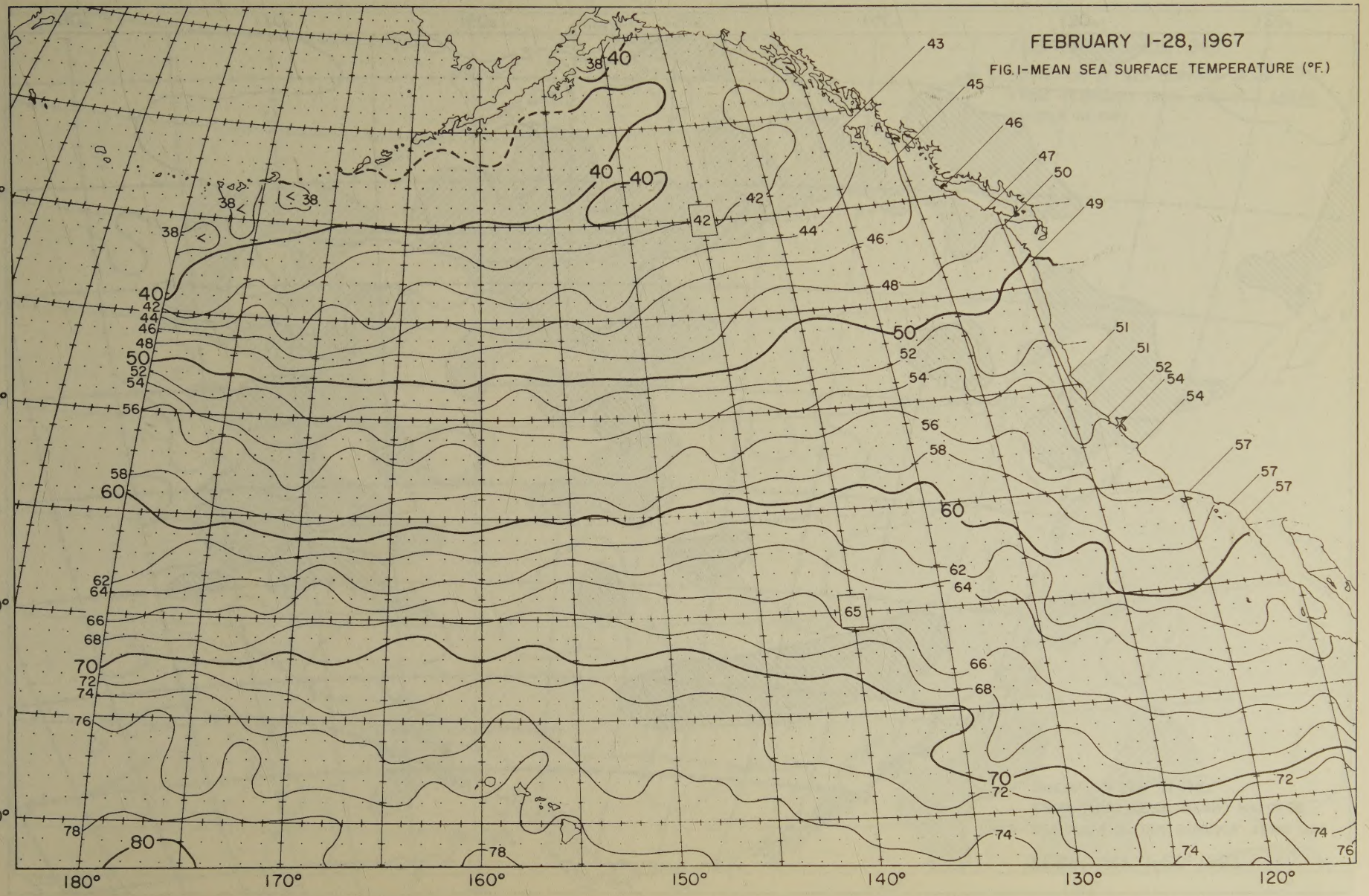
Figure 3.--Deviation of sea surface temperatures (°F) from those of February 1966. Hatched areas are colder in 1967.

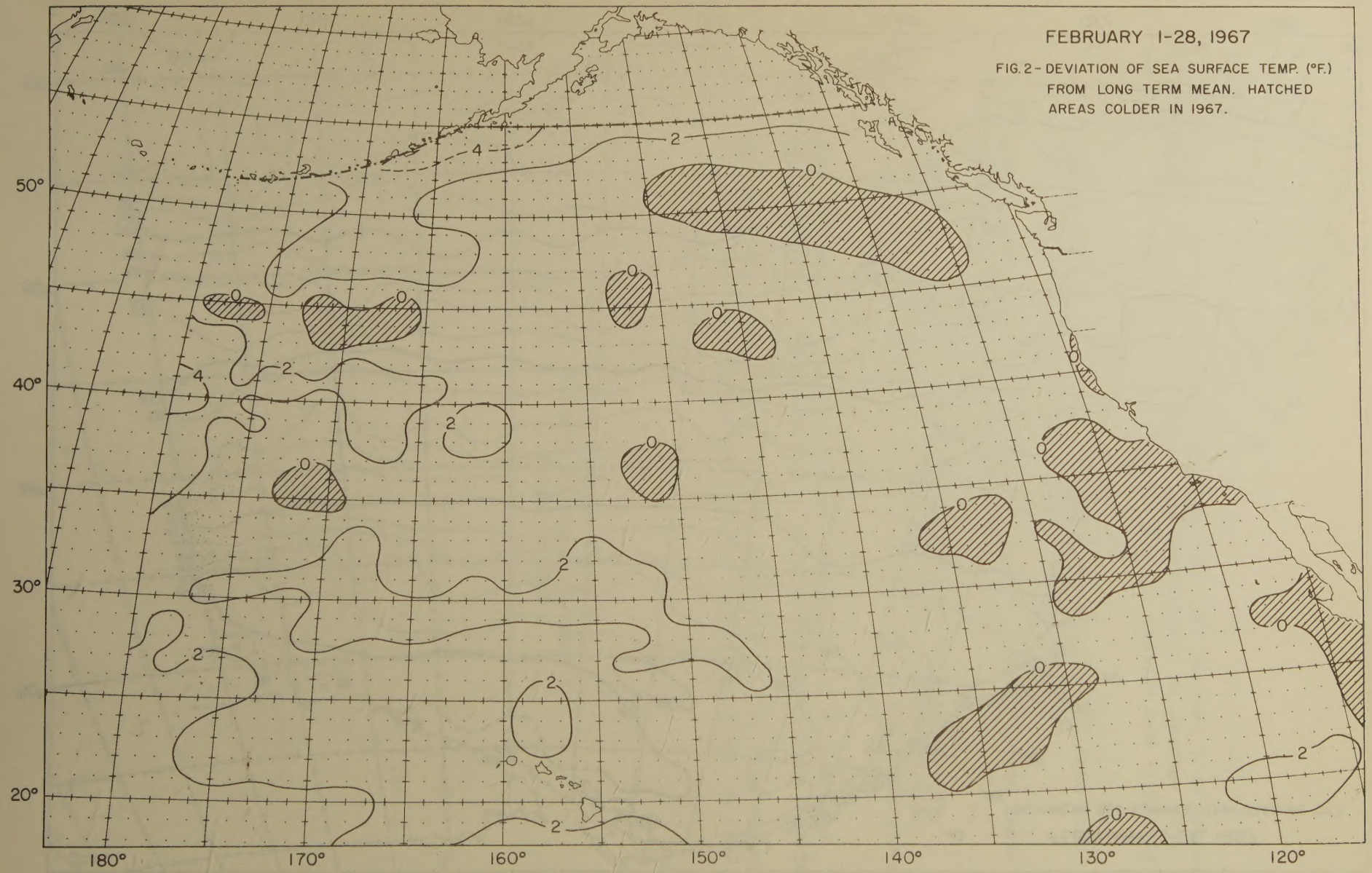
Figure 4.--Sea surface temperatures (°F) by 1-degree squares, approximately 3000 observations. Line under temperatures indicates average of two or more observations. Numerals on shore are temperatures at coastal stations.

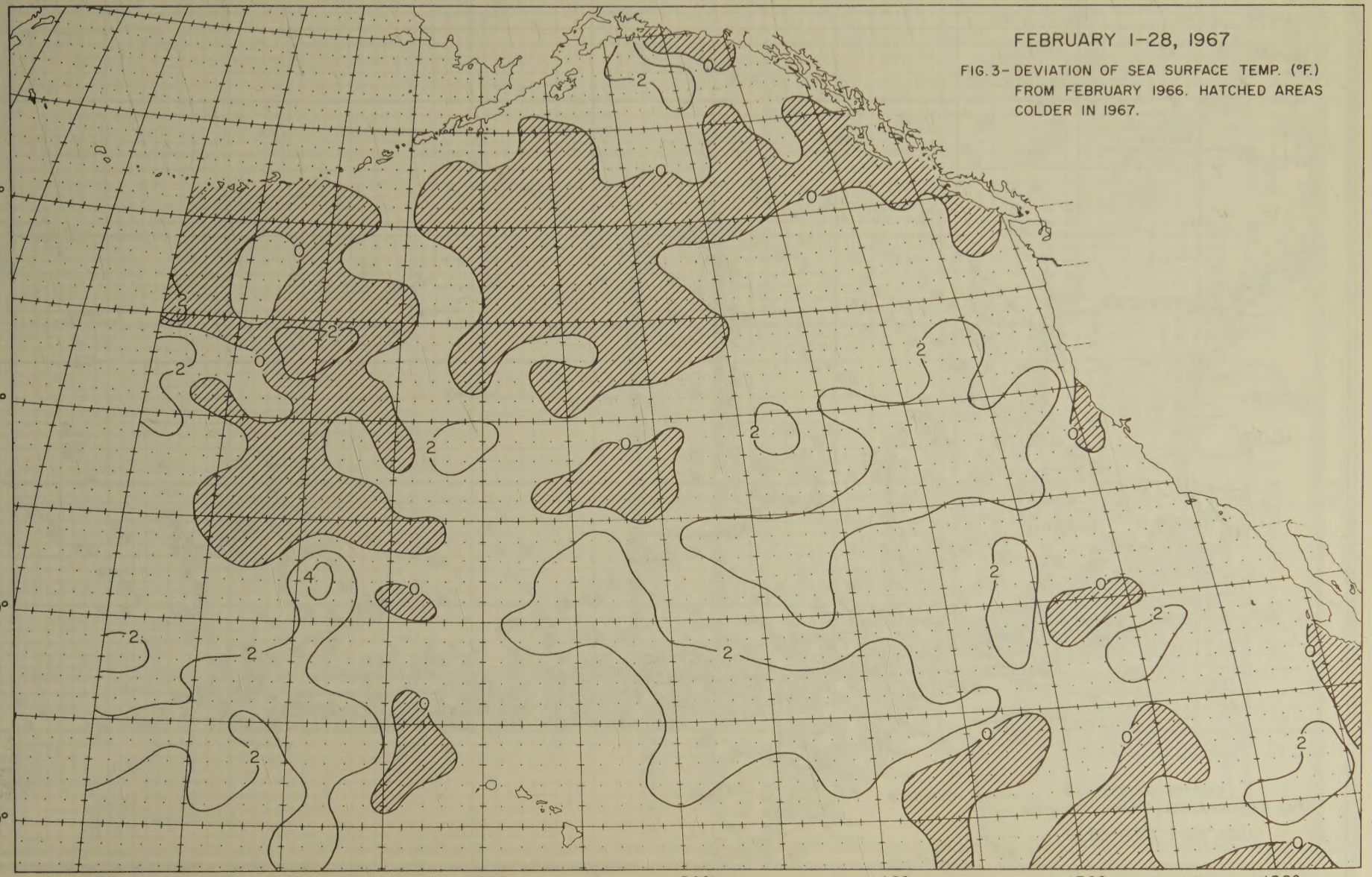
Figure 5.--Deviation of sea surface temperatures (°F) February 1967-February 1966 by 1-degree squares. Shaded areas are colder in 1967.

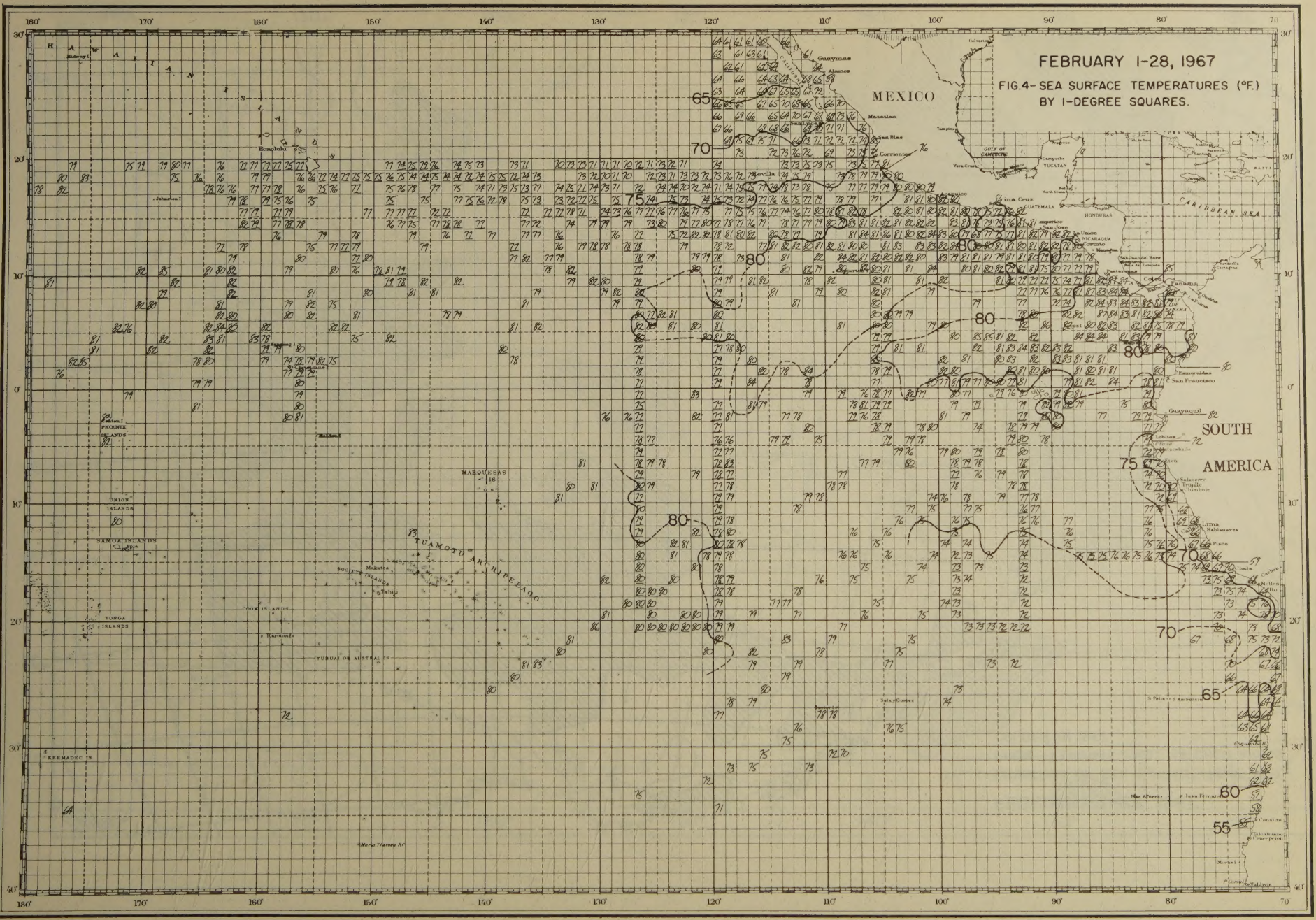
Figure 6.--Deviation of sea surface temperatures (°F) from 12-year mean (1947-1958) by 2-degree squares. Shaded areas are colder in 1967.

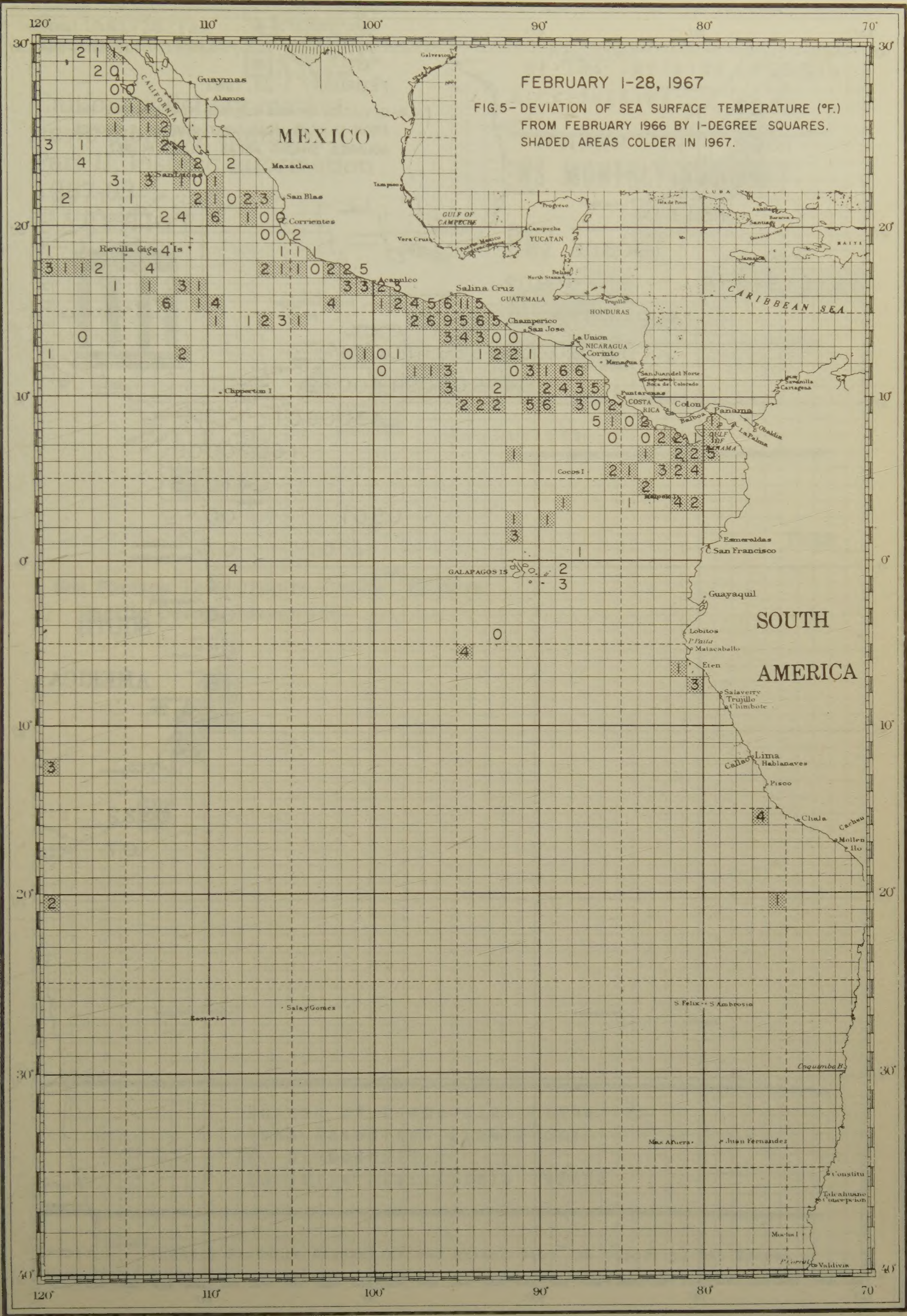
James A. Renner
Fishery Biologist (General)
March 6, 1967


FEBRUARY 1-28, 1967
FIG. 1-MEAN SEA SURFACE TEMPERATURE (°F.)
50°
40°
30°
20°
180°
170°
160°
150°
140°
130°
120°


FEBRUARY 1-28, 1967
FIG. 2 - DEVIATION OF SEA SURFACE TEMP. (°F.) FROM LONG TERM MEAN. HATCHED AREAS COLDER IN 1967.
50°
40°
30°
20°
180°
170°
160°
150°
140°
130°
120°
0
2
4

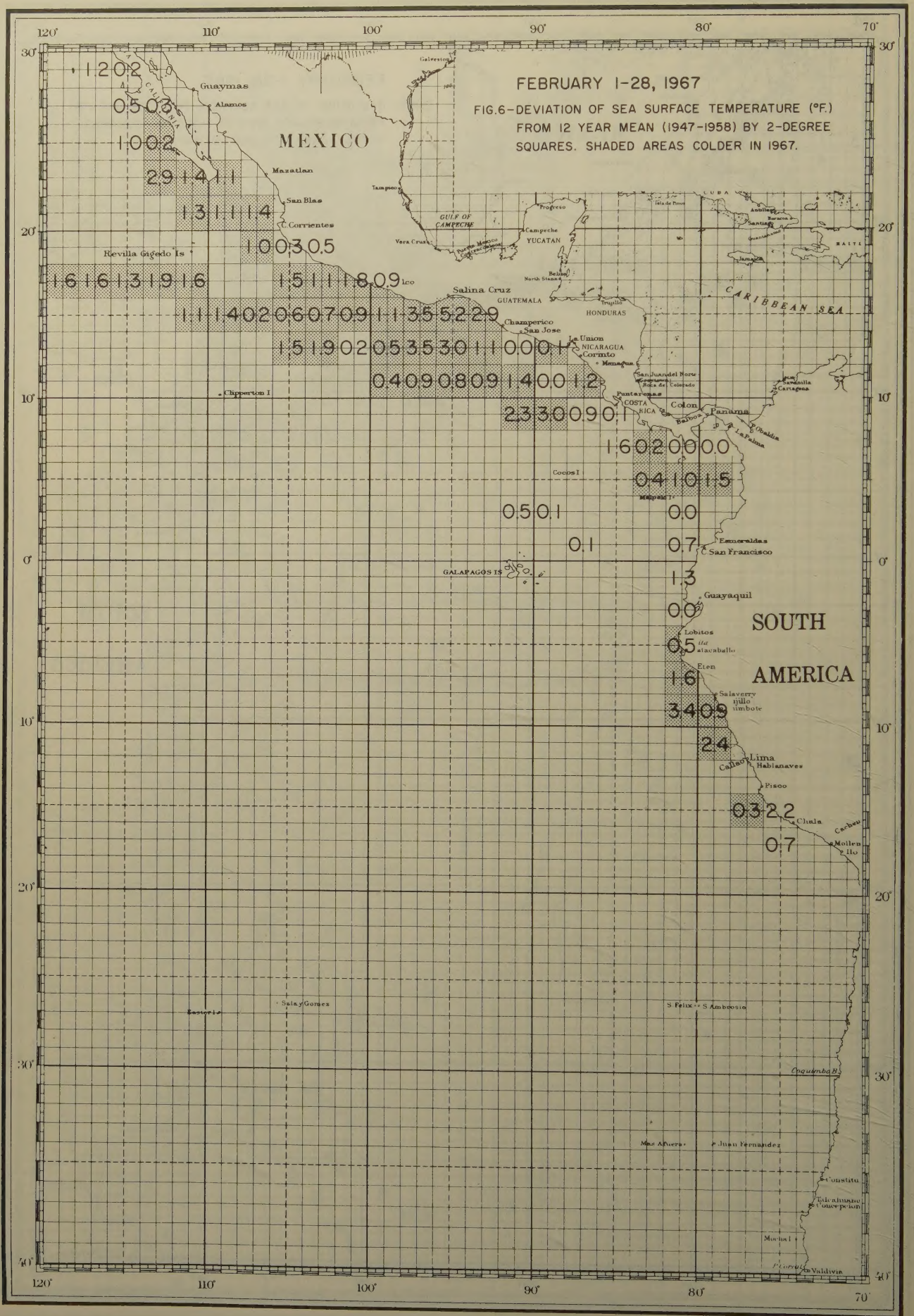

FEBRUARY 1-28, 1967
FIG. 3- DEVIATION OF SEA SURFACE TEMP. (°F.) FROM FEBRUARY 1966. HATCHED AREAS COLDER IN 1967.
50°
40°
30°
20°
180°
170°
160°
150°
140°
130°
120°


FEBRUARY 1-28, 1967
FIG.4- SEA SURFACE TEMPERATURES (°F.)
BY 1-DEGREE SQUARES.
MEXICO
SOUTH
AMERICA
CARIBBEAN SEA
GULF OF CALIFORNIA
GUATEMALA
HONDURAS
NICARAGUA
COSTA RICA
PANAMA
YUCATAN
Guaymas
Mazatlan
San Blas
Corrientes
Salina Cruz
Guayaquil
Callao
Lima
Salaverry
Trujillo
Chimbote
Paita
Pisco
San Francisco
Esmeraldas
Buenaventura
Tumaco
Cristobal
Colon
Puerto Armuelles
Puntarenas
Corinto
Acapulco
Manzanillo
Honolulu
HAWAIIAN ISLANDS
PHOENIX ISLANDS
UNION ISLANDS
SAMOA ISLANDS
TONGA ISLANDS
COOK ISLANDS
SOCIETY ISLANDS
TUAMOTU ARCHIPELAGO
MARQUESAS
TUBUAI OR AUSTRAL IS.
KERMADEC IS.
65
70
75
80
60
55



FEBRUARY 1-28, 1967

FIG. 5 - DEVIATION OF SEA SURFACE TEMPERATURE (°F.) FROM FEBRUARY 1966 BY 1-DEGREE SQUARES. SHADED AREAS COLDER IN 1967.


FEBRUARY 1-28, 1967
FIG.6-DEVIATION OF SEA SURFACE TEMPERATURE (°F.) FROM 12 YEAR MEAN (1947-1958) BY 2-DEGREE SQUARES. SHADED AREAS COLDER IN 1967.
MEXICO
SOUTH AMERICA
CARIBBEAN SEA
GULF OF CAMPECHE
GUATEMALA
HONDURAS
NICARAGUA
COSTA RICA
GALAPAGOS IS
Guaymas
Alamos
Mazatlan
San Blas
Corrientes
Revilla Gigedo Is
Salina Cruz
Champerico
San Jose
La Union
Corinto
Managua
Punta Arenas
Colon
Panama
Balboa
Cocos I
Malpelo I
Esmeraldas
San Francisco
Guayaquil
Lobitos
Eten
Salaverry
Chimbote
Lima
Callao
Hablanaves
Pisco
Chala
Cachebu
Moilen
Ilo
Sala y Gomez
Easter I
S Felix
S Ambrosio
Juan Fernandez
Mas A Fuera
Constitu
Concepcion
Valdivia
Chiloe I
Tampico
Progreso
Campeche
YUCATAN
Vera Cruz
Galveston
Belize
Trujillo
Cayman Is
Jamaica
HAITI
CUBA
Santiago
Cartagena
Chipperton I